

Czech Brno energy storage frequency regulation clearing price





Overview

How much does the frequency regulation mileage clearing Cost?

In this case, the mileage quotation of BESS and the market clearing result of frequency regulation are shown in Table 3. Table 3 shows that under the above circumstances, the frequency regulation mileage clearing price is 0.36 \$/MW, far lower than the marginal cost of the BESS.

What is the time scale of frequency regulation market?

At present, the time scale of frequency regulation market in most countries and regions can be divided into DAM and RTM . In the DAM, the grid operator announces the next day forecast frequency regulation demand, and the power generators participating in the frequency regulation market declare their supply function curves.

When will the SOC of C withdraw from the frequency regulation market?

It can be seen from Fig. 7 that in scenario 1 at about 16:25, the SOC of C will approach its lower limit, thus withdrawing from the frequency regulation market. Therefore, only remaining four BESSs will participate in the frequency regulation market bidding from 16:25 to 17:30.

Is frequency regulation capacity cost a fixed value?

It can be seen from (9) that the frequency regulation capacity cost of BESS has nothing to do with its bid-winning capacity and is a fixed value, which is consistent with the current compensation mechanism of fixed price of frequency regulation capacity in some countries and regions.



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